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Title: CS0175003B:

Country: CS Czechoslovakia

Kind: B Inventor's Certificate

Inventor: None

Assignee: None

Published / Filed: 1977-04-29 / 1973-05-22

Application Number: CS1973000733655

IPC Code: A62B 19/00;

ECLA Code: None

Priority Number: 1973-05-22 CS1973000733655



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Family:

PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	CS0175003B	1977-04-29	1973-05-22	
1 family members shown above				

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PDF	Patent	Pub. Date	Inventor	Assignee	Title
<input type="checkbox"/>	US5344626	1994-09-06	Abler; Mary Jo	Minnesota Mining and Manufacturing Company	Dual impregnated activated carbon

Other Abstract Info:

CHEMABS 090(26)209433W



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Czech Patent 175,003

Bibliographic Information

Impregnated microporous sorbents for toxic gases. Brych, Jan; Martinek, Jaroslav. (Czech.). Czech. (1978), 2 pp. CODEN: CZXXA9 CS 175003 19781115 Patent written in Czech.
Application: CS 73-3655 19730522. CAN 90:209433 AN 1979:209433 CAPLUS

Patent Family Information

Patent No.	Kind	Date	Application No.	Date
CS 175003	B	19770429	CS 1973-3655	19730522

Priority Application

CS 1973-3655	19730522
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Abstract

Common sorbents were rendered more effective and resistant to decomn. by high temps. and breakthrough by toxic gases by impregnation with metal salts. Thus, microporous active C was sprayed with an aq. CuSO₄ soln., dried, and sprayed with an aq. K₂CO₃ soln. to give a sorbent which traps NH₃, H₂S, and KCN at high relative humidity (>75%). A table is given showing numerous combinations of cations and anions useful for the sorption of NH₃, KCN, NCCl, halogens, SO₂, COCl₂, and odors.

Patent Classifications

IPC: A62B019-00.

Indexing -- Section 59-3 (Air Pollution and Industrial Hygiene)

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